

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jordan et al. Confirmation No.: 9124
Serial No.: 10/561,153
Filing Date: April 5, 2006
For: COMPOUNDS, COMPOSITIONS, AND METHODS FOR
TREATMENT AND PREVENTION OF ORTHOPOXVIRUS
INFECTIONS AND ASSOCIATED DISEASES
Examiner: Bianchi, K.
Group Art Unit: 1626

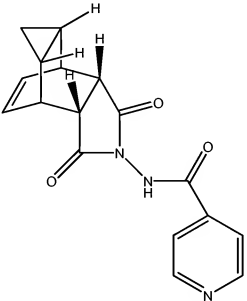
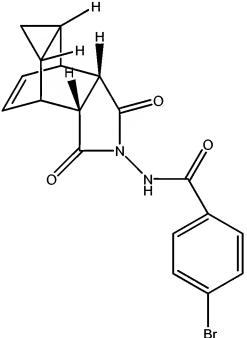
Commissioner for Patents
P.O. Box 1450
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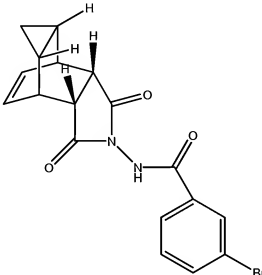
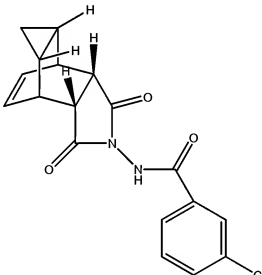
INFORMATION DISCLOSURE STATEMENT

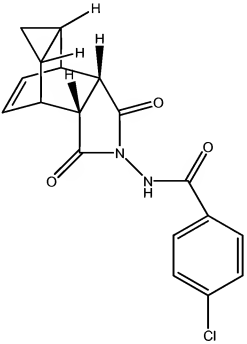
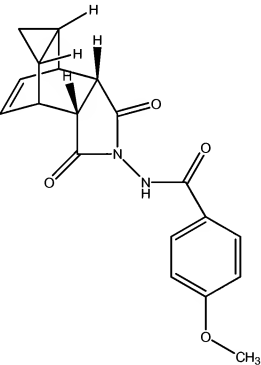
Sir:

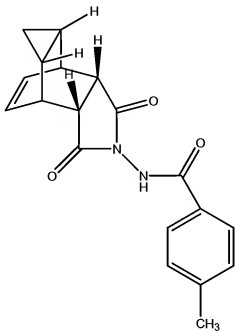
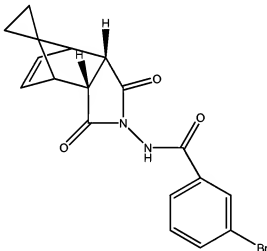
Applicants respectfully submit this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98 in order to comply with the duty of disclosure under 37 C.F.R. § 1.56.

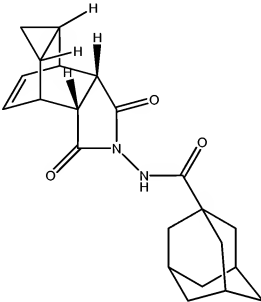
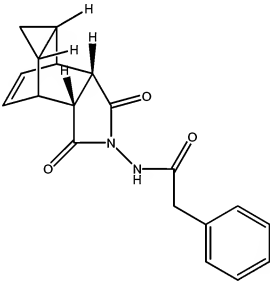
Applicants respectfully submit that the following compounds listed in Tables 1 and 2 within the specification were commercially purchased prior to the priority date of the above-mentioned application:

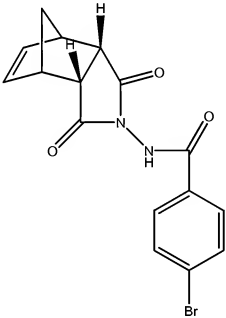
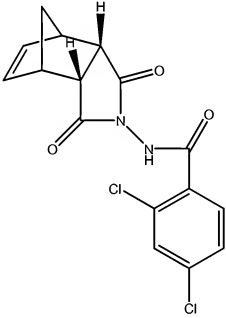
Example Number	R ₆	*NMR	**Mass Spec	Name
2		¹ H NMR in DMSO-d ₆ : δ 11.41(brs); 11.15(brs); 8.77(d of d, 2H); 7.75(d, 2H); 5.77(brs, 2H); 3.27 (brs, 4H), 1.15(brs, 2H); 0.25(m, 1H; 0.03(brs, 1H)	308 (M-H)-	N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[<i>f</i>]isoidol-2(1H)-yl)-4-pyridinecarboxamide
3		***	385 (M-H)-	4-Bromo-N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[<i>f</i>]isoidol-2(1H)-yl)-benzamide

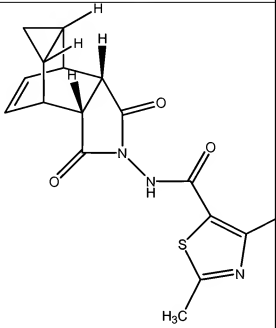
Example Number	R ₆	*NMR	**Mass Spec	Name
4		¹ H NMR in DMSO-d ₆ : δ 11.13(brd, 1H); 10.89(brd, 1H); 7.99(s, 1H); 7.82 – 7.76(m, 2H); 7.43(t, 1H); 5.72(s, 2H); 3.22-3.08(m, 4H); 1.19(brs, 2H); 0.21(m, 1H); 0.17(brs, 1H)	385 (M-H)-	3-Bromo-N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[<i>f</i>]isoidol-2(1H)-yl)-benzamide
5		¹ H NMR in DMSO-d ₆ : δ 11.21(brd, 1H); 10.98(brd, 1H); 7.92(s, 1H); 7.85(d, 1H); 7.71(d, 1H); 7.58(t, 1H); 5.79(brs, 2H); 3.29-3.15(m, 4H); 1.19-1.15(m, 2H); 0.26(m, 1H); 0.10(brs, 1H)	341 (M-H)-	3-Chloro-N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[<i>f</i>]isoidol-2(1H)-yl)-benzamide

Example Number	R ₆	*NMR	**Mass Spec	Name
8		¹ H NMR in DMSO-d ₆ ; δ 11.16(brd, 1H); 10.91(brd, 1H); 7.90(d, 2H); 7.61(d, 2H); 5.79(s, 2H); 3.28(m, 4H), 1.17(s, 2H); 0.26(m, 1H); 0.07(s, 2H)	341 (M ⁻)H ⁻	4-Chloro-N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[1]isoindol-2(1H)-yl)-benzamide
11		¹ H NMR in DMSO-d ₆ ; δ 10.87(brd, 1H); 7.87(d, 2H); 7.05(d, 2H); 5.78(br, 2H); 3.84(s, 3H); 3.30(s, 4H), 1.16(m, 2H); 0.25(m, 1H); 0.07(brs, 1H)	339 (M+H) ⁺	4-Methoxy-N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[1]isoindol-2(1H)-yl)-benzamide

Example Number	R ₆	*NMR	**Mass Spec	Name
22		***	***	4-Methyl-N-(3,3a,4,4a,5,5a,6,6a-octahydro-1,3-dioxo-4,6-ethenocycloprop[1]isoidol-2(1H)-yl)-benzamide
23		***	***	3-Bromo-N-(1',3,3'a,4',7,7'a-hexahydro-1',3'-dioxospiro[cyclopropane-1,8'-[4,7]methano[2H]isoidol]-2'-yl)-benzamide

Example Number	R ₆	*NMR	**Mass Spec	Name
24		***	***	N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[f]isoidol-2(1H)-yl)-tricyclo[3.3.1.1 ^{3,7}]decane-1-carboxamide
25		***	***	N-(3,3a,4,4a,5,5a,6,6a,-octahydro-1,3-dioxo-4,6-ethenocycloprop[f]isoidol-2(1H)-yl)-benzeneacetamide

Example Number	R ₆	*NMR	**Mass Spec	Name
26		***	***	4-Bromo-N-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-indol-2-yl)-benzamide
27		***	***	2,4-Dichloro-N-(1,3,3a,4,7,7a-hexahydro-1,3-dioxo-4,7-methano-2H-indol-2-yl)-benzamide

Example Number	R ₆	*NMR	**Mass Spec	Name
41				2,4-Dimethyl-N-(3,3a,4,4a,5,5a,6,6a-octahydro-1,3-dioxo-4,6-ethenocycloprop[<i>f</i>]isoidol-2(1 <i>H</i>)-yl)-thiazole-5-carboxamide

This Information Disclosure Statement is being mailed before the mailing date of the first Office Action on the merits, and thus, pursuant to 37 C.F.R. § 1.97(b), Applicants respectfully request that the information be expressly considered during the prosecution of this application.

It is believed that no fees are due in connection with this Information Disclosure Statement. However, should any fees be due, the Director is authorized to charge Deposit Account No. 50-0540 for such fees. Early and favorable action is earnestly solicited.

Dated: June 25, 2009

Respectfully submitted,

/Charles Achkar/
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09/02/2009